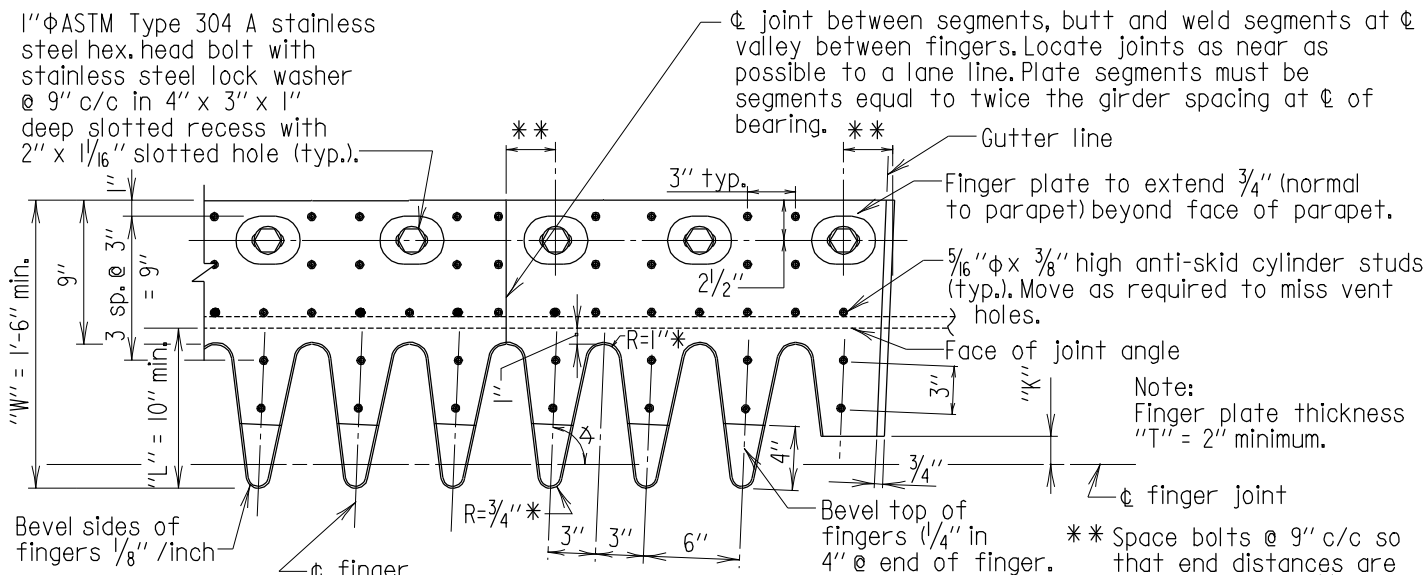
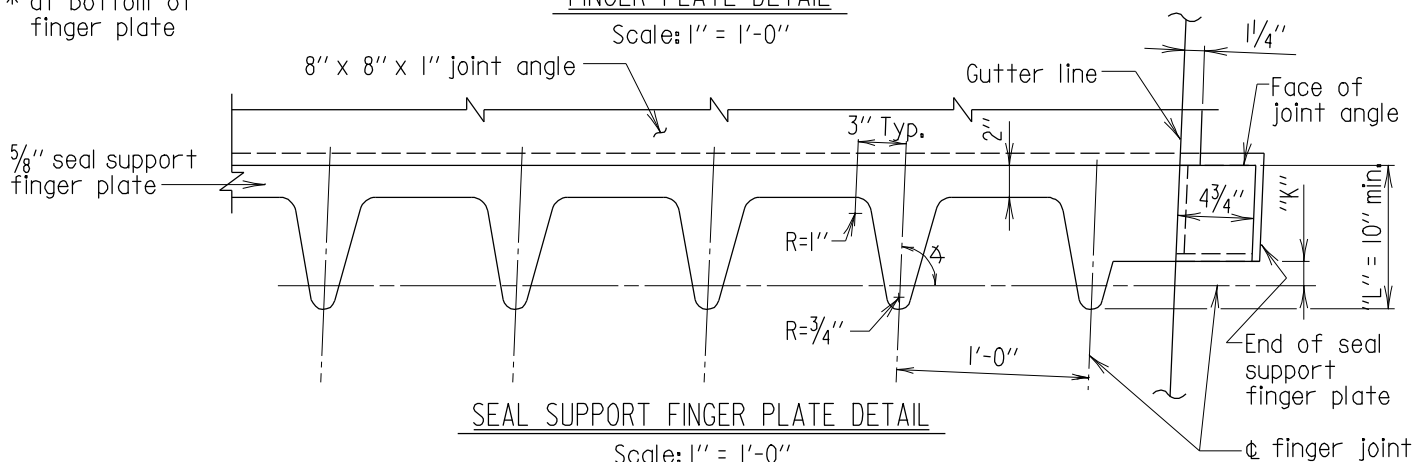


1" ϕ ASTM Type 304 A stainless steel hex. head bolt with stainless steel lock washer @ 9" c/c in 4" x 3" x 1" deep slotted recess with 2" x 1/16" slotted hole (typ.).



FINGER PLATE DETAIL

Scale: 1" = 1'-0"



SEAL SUPPORT FINGER PLATE DETAIL

Scale: 1" = 1'-0"

JOINT OPENING TABLE (INCHES)							
LOCATION OF JOINT		JOINT OPENING AT					
		40° F.	50° F.	60° F.	70° F.	80° F.	90° F.
	J	.	.	.	.	.	.
	K	.	.	.	.	.	.
	B	.	.	.	.	.	.

"J" = Finger plate opening along ϕ of finger (See Sheet No. 1 of 13)

"K" = Finger plate opening normal to ϕ of joint (See Sheet No. 1 of 13)

"B" = Joint opening between joint angles normal to ϕ of joint (See Sheet No. 3 of 13)

" Δ " = Skew Angle of straight bridges, angle along which the bridge expands, and contracts for curved bridges.

"T" = _____

"L" = _____

"W" = _____

" Δ " = _____

APPROVAL	
<i>L.S. Friedman</i>	DIRECTOR
	OFFICE OF STRUCTURES
DATE: 8/19/04	
REVISIONS	
SHA	FHWA
10-17-05	.
	.
	.
	.

FHWA APPROVAL
DATE: _____

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF STRUCTURES
FINGER JOINT DETAILS (42" F-SHAPE PARAPET)
FOR BRIDGES WITH STEEL STRINGERS
WITH SKEW ANGLES BETWEEN 50° AND 90°

STANDARD NO. BR-SS(7.18)-04-321B

SHEET 13 OF 13